

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	314	(264/621).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/27 14:50
L2	420	(264/628).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/27 14:50
L3	16	(L1 or L2) and @pd> = "20110214"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/27 14:50
S2	2	"4933307".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/11 14:58
S3	0	"100121427".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/11 15:00
S4	2	"0121427".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/11 15:01
S5	0	"1019940009707"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/11 15:08

S6	294	(264/621).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/11 15:20
S7	362	(264/628).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/11 15:21
S8	15	S6 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/11 15:21
S9	641	S6 or S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/11 15:21
S10	51	(US-20050239628-\$ or US-20070210493-\$ or US-20050225013-\$ or US-20050218565-\$ or US-20050200055-\$ or US-20040253279-\$ or US-20030151173-\$ or US-20020175440-\$ or US-20010030388-\$).did. or (US-4933307-\$ or US-6984671-\$ or US-6605648-\$ or US-7482390-\$ or US-7455798-\$ or US-7419772-\$ or US-7384988-\$ or US-7381362-\$ or US-7354542-\$ or US-7100400-\$ or US-7001568-\$ or US-6680013-\$ or US-6667261-\$ or US-6620368-\$ or US-6616873-\$ or US-6571582-\$ or US-6551546-\$ or US-6519976-\$ or US-6444162-\$ or US-6410631-\$ or US-6374638-\$ or US-6341701-\$ or US-6299822-\$ or US-6258305-\$ or US-6254998-\$ or US-6223563-\$).did. or (US-6209357-\$ or US-5944866-\$ or US-5871684-\$ or US-5854154-\$ or US-5827457-\$ or US-5772735-\$ or US-5665289-\$ or US-5429780-\$ or US-5076980-\$	US-PGPUB; USPAT; JPO	OR	ON	2009/02/11 16:36

		or US-5015605-\$ or US-4818732-\$ or US-4765818-\$ or US-4640807-\$ or US-4105426-\$).did. or (JP-01138143-\$ or JP-01138136-\$).did.				
S11	41	S10 and gel\$5	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/11 16:36
S12	16	S10 and (sphere or spheroid \$3 or globe)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/11 16:37
S13	1554	silica near3 (sphere or spheroid\$3 or globe) and gel	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 10:16
S14	4	"3855172".pn.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 10:42
S15	51	("2751366" "2776267" "3251800" "3417028" "3540884").PN. OR ("3855172").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/02/12 10:46
S16	52	(US-20050239628-\$ or US-20070210493-\$ or US-20050225013-\$ or US-20050218565-\$ or US-20050200055-\$ or US-20040253279-\$ or US-20030151173-\$ or US-20020175440-\$ or US-20010030388-\$).did. or (US-4933307-\$ or US-6984671-\$ or US-6605648-\$ or US-7482390-\$ or US-7455798-\$ or US-7419772-\$ or US-7384988-\$ or US-7381362-\$ or US-7354542-\$ or US-7100400-\$ or US-7001568-\$ or US-6680013-\$ or US-6667261-\$ or US-6620368-\$ or US-6616873-\$ or US-6571582-\$ or US-6551546-\$ or US-6519976-\$ or US-6444162-\$ or US-6410631-\$	US-PGPUB; USPAT; JPO	OR	ON	2009/02/12 11:20

			or US-6374638-\$ or US-6341701-\$ or US-6299822-\$ or US-6258305-\$ or US-6254998-\$ or US-6223563-\$). did. or (US-6209357-\$ or US-5944866-\$ or US-5871684-\$ or US-5854154-\$ or US-5827457-\$ or US-5772735-\$ or US-5665289-\$ or US-5429780-\$ or US-5076980-\$ or US-5015605-\$ or US-4818732-\$ or US-4765818-\$ or US-4640807-\$ or US-4105426-\$ or US-3855172-\$). did. or (JP-01138143-\$ or JP-01138136-\$).did.			
S17	28	S16 and (furnace or kiln)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 11:20
S18	3	S16 and rotary	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 11:24
S19	52	(US-20050239628-\$ or US-20070210493-\$ or US-20050225013-\$ or US-20050218565-\$ or US-20050200055-\$ or US-20040253279-\$ or US-20030151173-\$ or US-20020175440-\$ or US-20010030388-\$).did. or (US-4933307-\$ or US-6984671-\$ or US-6605648-\$ or US-7482390-\$ or US-7455798-\$ or US-7419772-\$ or US-7384988-\$ or US-7381362-\$ or US-7354542-\$ or US-7100400-\$ or US-7001568-\$ or US-6680013-\$ or US-6667261-\$ or US-6620368-\$ or US-6616873-\$ or US-6571582-\$ or US-6551546-\$ or US-6519976-\$ or US-6444162-\$ or US-6410631-\$ or US-6374638-\$ or US-6341701-\$ or US-6299822-\$ or US-6258305-\$ or US-6254998-\$ or US-6223563-\$). did. or (US-6209357-\$ or US-5944866-\$ or US-5871684-\$ or US-5854154-\$ or US-	US-PGPUB; USPAT; JPO	OR	ON	2009/02/12 13:55

		5827457-\$ or US-5772735-\$ or US-5665289-\$ or US-5429780-\$ or US-5076980-\$ or US-5015605-\$ or US-4818732-\$ or US-4765818-\$ or US-4640807-\$ or US-4105426-\$ or US-3855172-\$ did. or (JP-01138143-\$ or JP-01138136-\$).did.				
S20	26	S19 and tube	US-PGPUB; USPAT; USOCP; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 13:55
S21	1554	silica near 3 (sphere or spheroid\$3 or globe) and gel	US-PGPUB; USPAT; USOCP; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 14:06
S22	37	S21 and (tube near furnace)	US-PGPUB; USPAT; USOCP; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 14:06
S23	2	"5912397".pn.	US-PGPUB; USPAT; USOCP; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 14:19
S24	2	"5938805".pn.	US-PGPUB; USPAT; USOCP; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 14:20
S25	52	(US-20050239628-\$ or US-20070210493-\$ or US-20050225013-\$ or US-20050218565-\$ or US-20050200055-\$ or US-20040253279-\$ or US-20030151173-\$ or US-20020175440-\$ or US-20010030388-\$).did. or (US-4933307-\$ or US-6984671-\$ or US-6605648-\$ or US-7482390-\$ or US-7455798-\$ or US-7419772-\$ or US-7384988-\$ or US-7381362-\$ or US-7354542-\$ or US-7100400-\$ or US-7001568-\$ or US-6680013-\$ or US-	US-PGPUB; USPAT; JPO	OR	OFF	2009/10/28 15:29

		6667261-\$ or US-6620368-\$ or US-6616873-\$ or US-6571582-\$ or US-6551546-\$ or US-6519976-\$ or US-6444162-\$ or US-6410631-\$ or US-6374638-\$ or US-6341701-\$ or US-6299822-\$ or US-6258305-\$ or US-6254998-\$ or US-6223563-\$). did. or (US-6209357-\$ or US-5944866-\$ or US-5871684-\$ or US-5854154-\$ or US-5827457-\$ or US-5772735-\$ or US-5665289-\$ or US-5429780-\$ or US-5076980-\$ or US-5015605-\$ or US-4818732-\$ or US-4765818-\$ or US-4640807-\$ or US-4105426-\$ or US-3855172-\$), did. or (JP-01138143-\$ or JP-01138136-\$). did.				
S26	12	S25 and ("C/min" or "C/hr")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:29
S27	2	("5650129").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/29 16:17
S28	11	("2161186" "2699376" "3493341" "4857290" "4913966" "5063179" "5354548").PN. OR ("5650129").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/29 16:18
S29	38	("2480520" "2641044" "2645588" "2886460" "2891875" "2988520" "3183194" "3558508" "3980586" "3983055").PN. OR ("4392988").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/30 14:04
S30	6	(US-5900450-\$ or US-5650129-\$ or US-5624875-\$ or US-4978641-\$ or US-4871693-\$ or US-4392988-\$). did.	USPAT	OR	OFF	2009/10/30 14:05
S31	129	(502/10).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/30 14:18

S32	16	S31 and rotary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/30 14:18
S33	78	S31 and silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/30 14:23
S34	3	("2492167").RN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/02 09:39
S35	298	(264/621).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/02 10:59
S36	383	(264/628).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/02 10:59
S37	666	S35 or S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/02 10:59
S38	25	S37 and @pd> = "20090210"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/02 10:59
S41	81	(US-20050239628-\$ or US-20070210493-\$ or US-20050225013-\$ or US-20050218565-\$ or US-20050200055-\$ or US-20040253279-\$ or US-20030151173-\$ or US-20020175440-\$ or US-20010030388-\$ or US-20020111262-\$).did. or (US-4933307-\$ or US-6984671-\$ or US-6605648-\$ or US-7482390-\$ or US-7455798-\$	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2010/08/10 11:06

		or US-7419772-\$ or US-7384988-\$ or US-7381362-\$ or US-7354542-\$ or US-7100400-\$ or US-7001568-\$ or US-6680013-\$ or US-6667261-\$ or US-6620368-\$ or US-6616873-\$ or US-6571582-\$ or US-6551546-\$ or US-6519976-\$ or US-6444162-\$ or US-6410631-\$ or US-6374638-\$ or US-6341701-\$ or US-6299822-\$ or US-6258305-\$ or US-6254998-\$ or US-6223563-\$), did. or (US-6209357-\$ or US-5944866-\$ or US-5871684-\$ or US-5854154-\$ or US-5827457-\$ or US-5772735-\$ or US-5665289-\$ or US-5429780-\$ or US-5076980-\$ or US-5015605-\$ or US-4818732-\$ or US-4765818-\$ or US-4640807-\$ or US-4105426-\$ or US-3855172-\$ or US-5650129-\$ or US-5063179-\$ or US-4913966-\$ or US-3493341-\$ or US-5900450-\$ or US-5624875-\$ or US-4978641-\$ or US-4871683-\$ or US-4392988-\$ or US-3558508-\$ or US-3183194-\$ or US-3663165-\$), did. or (US-6150300-\$ or US-5976478-\$ or US-5861134-\$ or US-5821186-\$ or US-2492167-\$ or US-5236683-\$ or US-5145578-\$ or US-4983369-\$ or US-4894357-\$ or US-4777154-\$ or US-4637990-\$ or US-3923688-\$), did. or (US-3493341-\$ or US-3558508-\$ or US-3183194-\$ or US-2397350-\$), did. or (JP-01138143-\$ or JP-01138136-\$), did.				
S42	15	S41 and ("C/min" or "C/hr")	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/10 11:06
S43	11	S41 and ("C/hour" or "C/minute" or "C/s" or "C/sec" or "C/second")	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/10 11:31

S44	308	(264/621).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/10 11:43
S45	398	(264/628).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/10 11:43
S46	690	S44 or S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/10 11:43
S47	0	S46 and @pd> = "200910292"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/10 11:43
S48	3812	((501/12) or (501/39) or (501/53) or (501/80) or (501/133) or (501/154)). OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/10 11:46
S49	1172	S48 and gel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/10 11:46
S50	269	S49 and (spher\$4 or spheroid \$3 or globe or orb)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/10 11:47
S51	233	S50 and (silica or (silicon adj oxide) or (silicon adj dioxide) or "SiO.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/10 11:54
S52	24	("2328644" "2883347" "3717486" "3719510" "3744984").PN. OR (("3867156").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/10 15:59
S53	12	("2883347").URPN.	USPAT	OR	ON	2010/08/10 16:35

S54	11	("21611186" "2699376" "3493341" "4857290" "4913966" "5063179" "5354548").PN. OR ("5650129").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/10 16:48
S57	6	("5064783" "5401445" "5419860").PN. OR ("6616873").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/14 16:00
S58	30	("3579719" "4316822" "4367166" "4894189" "5248489" "5281445" "5358921" "5387740" "5439867" "Re27214").PN. OR ("6150300").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/15 11:29
S59	658	((65/21.1) or (65/21.3) or (65/21.4) or (65/21.5)).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/15 17:24
S60	114	S59 and (gel or sol or xerogel or aerogel or aerosil)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/15 17:25
S61	60386	("366").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/15 17:45
S62	79	S61 and ((silica or (silicon adj oxide) or (silicon adj dioxide) or "SiO.sub.2") near2 (gel or aerogel or xerogel or aerosil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/15 17:45
S63	62770	("34").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/15 17:46
S64	576	S63 and ((silica or (silicon adj oxide) or (silicon adj dioxide) or "SiO.sub.2") near2 (gel or aerogel or xerogel or aerosil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/15 17:46

S65	68	S64 and rotary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/15 17:46
S66	312	(264/621).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/15 17:52
S67	406	(264/628).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/15 17:52
S68	12	(S66 or S67) and @pd> = "20100809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/15 17:52

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	186	kim-sun\$uk\$.in. or hwang-soon \$cheol\$.in. or chun-myong \$cheul\$.in.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/07/27 14:51
L5	12	L4 and @pd> = "20110215"	US-PGPUB; USPAT; UPAD	OR	OFF	2011/07/27 14:51
S39	153	kim-sun\$uk\$.in. or hwang-soon \$cheol\$.in. or chun-myong \$cheul\$.in.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/11/02 11:01
S40	5	S39 and (silica or silicon).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/11/02 11:02
S55	164	kim-sun\$uk\$.in. or hwang-soon \$cheol\$.in. or chun-myong \$cheul\$.in.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/08/10 17:08
S56	5	S55 and (silica or silicon).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/08/10 17:08
S69	174	kim-sun\$uk\$.in. or hwang-soon \$cheol\$.in. or chun-myong \$cheul\$.in.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/02/15 17:51

S70	10	S69 and @pd> = "20100809"	US-PGPUB; USPAT; UPAD	OR	OFF	2011/02/15 17:51
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7/27/2011 2:52:45 PM

C:\ Documents and Settings\ esnelting\ My Documents\ EAST\ Workspaces\ 10560023.wsp